

**ADDENDUM NO. 1
TO THE FEBRUARY 2015
REMOVAL ASSESSMENT
QUALITY ASSURANCE SAMPLING PLAN

FOR

WILCOX OIL
WEST 221ST STREET SOUTH / REFINERY ROAD
BRISTOW, CREEK COUNTY, OKLAHOMA**

Prepared for

U.S. Environmental Protection Agency Region 6
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1. INTRODUCTION

Weston Solutions, Inc. (WESTON®), the Superfund Technical Assessment and Response Team (START-3) Contractor, has been tasked by the U.S. Environmental Protection Agency (EPA) Region 6 under Contract Number EP-W-06-042, Technical Direction Document (TDD) No. 5/WESTON-042-15-004 (Appendix D) to conduct a removal assessment at the Wilcox Oil Site located in Bristow, Creek County, Oklahoma. Site coordinates are Latitude 35.842144° North and Longitude 96.381456° West. This is Addendum No. 1 to the February 2015 Removal Assessment Quality Assurance Sampling Plan (QASP) prepared under TDD 5/WESTON-042-15-004. The Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) database number assigned to the site is OK0001010917. All figures are provided as separate portable document format (PDF) files.

2. PROJECT TEAM

The Project Team will consist of Jeff Criner, Site Inspection/Assessment Manager; Derrick Cobb, Project Team Leader (PTL); and additional personnel as necessary. The PTL will be responsible for the technical quality of work performed in the field and will serve as the liaison to EPA Region 6 personnel in the field during the site activities. The PTL, with the concurrence of EPA, will determine the precise location for sample collection in the field, collect samples as necessary, log the activities at each sample location in the field logbook, and verify the sample documentation. The Data Manager will be responsible for entering all samples collected into SCRIBE; producing accurate chain-of-custody documentation for the samples during the assessment; and entering daily operations and sample collection data into the Regional Response Center-Enterprise Data Management System (RRC-EDMS) Response Manager software. The PTL will oversee packaging and shipping of samples to a contracted laboratory. The PTL will also be responsible for providing overall site health and safety support during the removal assessment field activities.

3. PROJECT OBJECTIVE

Performing the removal assessment and collecting the data necessary will assist EPA in determining if the site presents a threat to public health or welfare of the United States or the environment in accordance with 40 Code of Federal Regulations (CFR) 300.415 as well as the extent of such contamination.

The objective of the removal assessment is to investigate the nature and extent of site-related contaminants in the soil associated with the Wilcox Oil Site. This removal assessment will help determine the locations and estimated volumes of soil that may need to be removed during the removal phase. The objective of the removal assessment will be achieved by evaluating both historical data and current analytical results obtained during the collection of samples from representative locations. Soil samples will be analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), pesticides, polychlorinated biphenyls (PCBs), and metals. Soil sample results will be compared to the EPA Residential Soil Regional Screening Levels (RSLs) (Appendix A).

4. SAMPLING APPROACH

The EPA Team will follow soil sampling procedures and appropriate Standard Operating Procedures (SOPs). The Site-Specific Data Quality Objective (DQO) for soil sampling is included as Appendix B.

4.1 SOIL SAMPLING

Approximately 256 soil samples (including quality assurance/quality control samples) will be collected from 58 sample locations on the site. The EPA OSC and START-3 developed a sampling strategy to collect data from residential properties throughout the site and adjacent to the site. Proposed Sample Location Maps are included in Appendix C.

4.2 LABORATORY ANALYSIS

Samples collected will be analyzed by the EPA Region 6 Laboratory and/or by the EPA-designated CLP laboratories. The following methods of analysis will be conducted:

- Volatile Organic Target Compound List – SOM01.2
- Semi-volatile Target Compound List – SOM01.2
- Pesticides/Aroclors Target Compound List – SOM01.2
- Target Analyte List (TAL) Metals (including Mercury) – ISM01.3

EPA will conduct data validation of the site analytical data, and data validation will be conducted in accordance with the EPA CLP National Function Guidelines for Superfund Organic/Inorganic Methods Data Review (June 2008 and January 2010).